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(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ANDERSEN, Ole**,
Klembt [DK/NL]; Société Civile SPID, 156 Boulevard
Haussmann, F-75008 Paris (FR). **HENDRIKS, Robert**,
Frans, Maria [NL/NL]; Société Civile SPID, 156 Boulevard
Haussmann, F-75008 Paris (FR). **VAN DER LEE**,
Alexander, Marc [NL/NL]; Société Civile SPID, 156
Boulevard Haussmann, F-75008 Paris (FR). **VAN DER**
WERF, Jan, Evert [NL/NL]; Société Civile SPID, 156
Boulevard Haussmann, F-75008 Paris (FR).

(74) Agent: **CHAFFRAIX, Jean**; Société Civile SPID, 156
Boulevard Haussmann, F-75008 Paris (FR).

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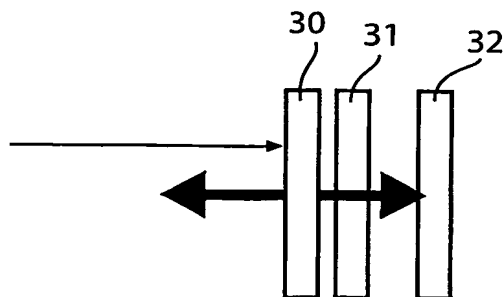
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(54) Title: **IMPROVED OPTICAL READ-OUT.**



(57) Abstract: An arrangement for read-out of
information from an optical information carrier is
disclosed. The system comprises a VCSEL for improving
the signal-to-noise ratio of light reflected from and
modulated by an information carrier. The VCSEL
has a substrate that transmits the emission from the
active regions of the VCSEL. Thereby, the need for
beam-splitters in the detection branch of the device is
completely eliminated.

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